

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 15:08:50 1994
Message-Id: <199411301749.JAA29028@olympus.net>
Date: Wed, 30 Nov 1994 09:57:30 -0800
From: philkeys@olympus.net (Phil Keys)
Subject: re: <dsnowden@ccd.harris.com> writes that he's gonna run 900 volts on his 6146.

My TS-520S runs about 1,000 VDC plate voltage. In fact, all the power supply voltages are somewhat higher than the specs in the schematic. Is there something wrong or incorrectly setup in my TS-520S? I've looked for optional voltage taps on the power transformer primary but don't see any.

Thanks
Phil Keys
KJ7ET
philkeys@pt.olympus.net

--
philkeys@pt.olympus.net (Phil Keys) KJ7ET Jeff Co Search & Rescue
Software Consultant - specializing in software safety & SQA
Port Hadlock, WA 98339 (206) 379-8650 122 44.0W 48 02.0N

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 15:20:21 1994
Date: Wed, 30 Nov 1994 12:57:09 -0500
From: dsnowden@ccd.harris.com (Doug Snowden)
Message-Id: <9411301757.AA368879@rs2>
Subject: Amateur Radio Trader

I got a sample issue yesterday. Cruised through it. Did anyone call the person that had the estate sale for \$500 ? It had stuff like Ts820, Dentron MLA2500 amp, antenna tuner, and several other things. I didn't bother calling because I couldn't imagine it still being available. I sorta have my Drake TR7/PS75/RV75 up for sale and looked in the Drake section for what the going prices are. They seem to vary from \$550 for the TR7 and PS to excessive (\$350 just for the RV75). And there were several of them listed. Guess I should subscribe so I can catch any tube bargains for 3-1000Z and 4-1000. Enough now...

73's Doug, N4IJ dsnowden@ccd.harris.com

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 17:40:02 1994
Message-Id: <9411302036.AA12371@wrdis01.robins.af.mil>
Date: Wed, 30 Nov 94 15:36:20 -0500
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr.)
Subject: Bone Yard Assault Team Meeting

From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <52262.morgan@speckle.ncsl.nist.gov>
Subject: Re: G0-9 Navy xtmr, GOATS

On Wed, 30 Nov 1994 10:17:40 -0500 (EST),
AUSTIN@grove.iup.edu <AUSTIN@grove.iup.edu> wrote:

>Tnx for quick reply re the G0-9.

...

> I will keep you up to date.

Tim,

We should start a G0-9 Owners Antique Technical Society (GOATS). Bob Keys wants a copy of the manual in case he ever runs into one. You've got one, I've got one, and you now report that a number of others have them, too.

Keep a list of all those enthusiasts! It's the beginning of a Movement!

I'll be searching for a solution to the danger of the cat getting bitten on that long-wire feed point on top. (He likes to curl up on top of warm things in the shack.)

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 10:21:09 1994
From: JosephWP@aol.com
Date: Wed, 30 Nov 1994 08:55:43 -0500
Message-Id: <941130085402_1996942@aol.com>
Subject: Re: Hum...Hmmmmmm?

Chris,

I would bridge (carefully) my power supply electrolytics with good caps and see if that makes any improvement. Faulty filter caps could be the source of your problem.

Joseph Pinner +
Lafayette, LA
KC5IJD

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 12:53:04 1994
Date: Wed, 30 Nov 1994 10:03:15 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Re: Hum...HMMMMMM?
Message-Id: <Pine.SUN.3.91.941130095426.22293C-1000000@access4.digex.net>

On Wed, 30 Nov 1994 X90GALBRAIT1@wmich.edu wrote:

> I'm new to trouble-shootin' and a 'fixin, so here's hopin' y'all can
> elmer me along...

> Guys, I'm really trying to dive into the nitty gritty and *be there* for
> my loved ones (BAs)...excuse these sophomoric type queries.

Chris,

If you'll tolerate a bit of philosophizing, there are lots of us in the hobby that are self-taught amateurs and speaking for myself, there's a lot of rudimentary stuff that I don't know or have forgotten. I don't feel the least bit embarrassed to ask. As far as I'm concerned, helping one another is an essential element in what ham radio is all about.

73,

Tony
K4KY0

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 14:40:46 1994
Date: Wed, 30 Nov 94 11:34:48 EST
From: censun1!gc@uunet.uu.net (Gary Chatters)
Message-Id: <9411301634.AA04356@fox.gsfc.nasa.gov>
Subject: Re: Hum...HMMMMMM?

>
>I'm new to trouble-shootin' and a 'fixin, so here's hopin' y'all can
>elmer me along...
>The good news I've got a monitor scope, the bad news is I now see the
>ripple in my tx signal from my T-4XC. I checked all tubes (recently
>replaced, neutralized finals), all are fine. The chassis looks perfect,
>no burnt or discolored components. Power supply maybe? Unfortunately I

Hmmm. You've checked the tubes and inspected the chassis. Maybe

it is the power supply. But which one: the T-4XC or the monitor scope?

Don't assume the problem is in the T-4XC until you can be sure that it couldn't be an artifact of the monitor scope.

If you are looking at the T-4XC carrier and see ripple, that means it is being AM modulated by 60Hz (or something). Try listening to your signal with a receiver set to AM mode.

This is not an absolute indication. If the receiver cuts off low audio frequencies you might not hear it. On the other hand the receiver might have its own hum problems.

This really sholdn't be so complicated, should it. :-)

>

>Guys, I'm really trying to dive into the nitty gritty and *be there* for
>my loved ones (BAs)...excuse these sophomoric type queries.

>

Glad to see this list educating some of the newbies (and some of us oldies, too).

Hope this helped a little (but I suspect it didn't).

73,

Gary

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 16:08:00 1994
Message-Id: <199411301754.MAA02938@gee.ch.gnu.ai.mit.edu>
Date: Wed, 30 Nov 94 10:53:55 MST
From: Jack Taylor <n7oo@huachuca-emh8.army.mil>
Subject: Re: Hum...HMMMMMMMM?

If you have the book on your SB-610 monitor scope, it can be used as an Oscilloscope (page 38). If you don't have the book, I quote:

The Monitor Scope can be used as a normal oscilloscope for limited test applications where internal sync, high sweep frequency, or high vertical amplifier gain are not required. To use the Monitor Scope as an oscilloscope, the vertical amplifier stage must be wired for "RTTY and 1 kc to 150 kc" in the Alternate Connections section (Page 24).

For most applications, the SWEEP switch will be set in the INT position to use the internal sawtooth generator for horizontal sweep. To use an external source for horizontal sweep, connect the horizontal signal to the HOR input, place the SWEEP switch in the RF TRAP position, and push the CLAMP switch in.

To use the Scope as an oscilloscope, connect the leads and adjust as follows.

1. Connect a test lead to the VERT input jack (on the back of the unit). Be sure to use a normal scope test probe for this.
2. Connect a test lead to the HOR input jack (on the back of the unit). (A clip-lead to ground will do)
3. Adjust the VERTICAL GAIN, HOR GAIN, and SWEEP FREQ controls for the desired pattern.

End of quote. I'd recommend your scope probe be capable of blocking the higher voltages you would be checking...plus a comfortable safety margin.

Thus the Heath Monitor Scope "could" be used, but at our last local swapmeet, I saw several high quality scopes at low prices...(a dual trace 150 MHz tektronics followed me home). Two others spotted: a Tek 7403N for \$50 and a Tek 7633 for \$100.

73 de Jack

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 16:24:40 1994
Date: Wed, 30 Nov 94 13:36:08 EST
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <61244.morgan@speckle.ncsl.nist.gov>
Subject: Re: Hum...HMMMMMM?

On Wed, 30 Nov 1994 10:03:15 -0500 (EST),
Tony Stalls <rstalls@access.digex.net> wrote:

As far as I'm concerned, helping
>one another is an essential element in what ham radio is all about.

And fun, too!

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 18:06:59 1994

From: rdkeys@csemail (R. D. Keys)
Message-Id: <9411301913.AA110477@csemail.cropsci.ncsu.edu>
Subject: Re: Hum...Hmmmmmm?
Date: Wed, 30 Nov 94 14:13:26 EST

>
> On Wed, 30 Nov 1994 X90GALBRAIT1@wmich.edu wrote:
>
> > I'm new to trouble-shootin' and a 'fixin, so here's hopin' y'all can
> > elmer me along...
>
> > Guys, I'm really trying to dive into the nitty gritty and *be there* for
> > my loved ones (BAs)...excuse these sophomoric type queries.
>
> Chris,
>
> If you'll tolerate a bit of philosophizing, there are lots of us in the
> hobby that are self-taught amateurs and speaking for myself, there's a
> lot of rudimentary stuff that I don't know or have forgotten. I don't
> feel the least bit embarrassed to ask. As far as I'm concerned, helping
> one another is an essential element in what ham radio is all about.
>
> 73,
>
> Tony
> K4KY0
>

I have zwei pfennigs worth to add, for the lurkers, and those of slightly
timid constitution on the list.... and all others aboard. Most of you
are familiar with my zwei pfennigs worth over the past couple of years.....

STUMPWARMING PHILOSOPHIZING HAT ADORNED:

All of us Boatanchorites of the first water are not necessarily GEEK-EEs of
the pocket pencil case sort (:+{}). Most of us, even considering playing
with these beasties, are self taught, although there are more than a few
professionals lurking amidst the ivory towers, nose to the BA list, on their
fancy gewhilligigit work stations..... (:+{}). A few of us are ancient
wonders that probably need a pasture, pretty soon, but won't settle for
anything less than 5 acres for antennas, a 40-60 foot heated barn with
shop, parts bins stock, and a full floor covered in that dingy grey and
black muck akin and bekownst so fondly to us all. Others are the average
joe, with the johnson ranger or DX-60 in tow. Others are deeeeeeeep and
serious with the business and history of boatanchors and things that go
ZAP and glow in the dark! BUT, amongst all us wierdoes, geeks, luddites,
and ol' gasping geezerites I have yet to find a one who would not bend
as far as the ol' burgeoning beer belly would allow to elmer anyone with

interest/problems/queries/needs or other fine aspects of that great and gentle art of Boatanchorizing. Me, I read everything I can get my fingers forthwith attached thereto (as long as it predates transistorisches tek). I stick and poke the fingers (hopefully not at more than a couple of grand of volts above ground) into every kind o' non-descript, ancient, greyisch/swartzisch[black] box that is heavy, and guaranteed to glow if you can find the right power connector for the beast..... (:+{} }....

Aside from an occasional OO from someone unknowing of what a real boatanchor should sound, everything has done air-time in my hands if at all possible. But, all that training has been by the school of hard knocks, zaps, finger burns, and late night head twitchin/scratchin. Many others of us have done likewise. Across the board, tho, there is a tremendous fountain of knowledge available to those that wouldst have need of such guarded, ancient, fine, knoble, and knobbed wisdom. There are a lot of fellas across the list, that know one helluva lot more than comes out on the average daily flow of the list.

So, gentle friends, Boatanchorites of the first water, and newbie sorts who just happened to find a treasured glowing black box at last weekend's fine under-table-stooping, dumpster-diving hamfest, never be timid about asking questions on the BA list --- that is what it is FOR (and at a very substantially lower noise/flak level than the normal rec.radio newslists).

Three Cheers to the Boatanchorites! Heer Heer! Heer Heer! Heer Heer!

END PHILOSOPHISCHES STUMPWARMING TIRADE..... (:+{} }.... 'yer turn!

Gee..... BA fellas are such a fine crew, I have permanently hung the ol' Internet Asbestos Flak Suit up on the wallhook! Try that on rec.radio sometime..... (:+{} }.....

73

Bob

NA4G

rdkeys@csemail.cropsci.ncsu.edu

```
*****
* 73 TU SU VA DE NA4G          ``Boat Anchor Bob'', an ol' CW fart.  *
*****
* Morse has been in the family for over 100 years.                      *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914.  *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
```

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 18:27:25 1994
From: Scott Turner <scott@hplst.lvlld.hp.com>

Message-Id: <9411302010.AA08340@hplst.lvld.hp.com>
Subject: Re: Hum...HMMMMMM?
Date: Wed, 30 Nov 94 13:10:03 MST

Hello Chris,

> I'm new to trouble-shootin' and a 'fixin, so here's hopin' y'all can
> elmer me along...

Boy, I don't know where I'd be without some of the folks who've put up
with some of my q's and helped out.

> The good news I've got a monitor scope, the bad news is I now see the
> ripple in my tx signal from my T-4XC. I checked all tubes (recently
> replaced, neutralized finals), all are fine. The chassis looks perfect,
> no burnt or discolored components. Power supply maybe?

Power supply probably (assuming as someone else wrote that you trust the
scope itself). I'd be particularly suspicious of the two large filter
caps in the 600V part of the supply. (Sorry no details as I'm going
from memory here. I don't have the schematic for the AC4 in front of
me). I'd second the recommendation to try carefully bridging a new set
of caps around these and see what happens.

I've had to replace every cap in my T4X's AC3 and several in the TR4's
AC4. I've also had to replace several in the R4. Age and time off the
air do take their toll on these things.

Scott Turner KG0MR scott@hplst.lvld.hp.com

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 11:01:13 1994
Date: 30 Nov 94 08:47:19 EST
From: don merz <71333.144@COMPUSERVE.COM>
Subject: Military Mystery
Message-Id: <941130134718_71333.144_DHQ24-12@CompuServe.COM>

Can anyone help identify this "mystery radio?"

It is military, painted olive drab wrinkle finish, about 17" tall, 10"
deep and 6" wide. It has removable covers on the top and bottom secured
with sliding fastener clips. All the edges are rounded rather than squared
off. Access to the controls is through a hinged door on the narrow side.
The other narrow side has a turret to mount a screw-in whip antenna
(kind of looks like the antenna fixture on a BC-620). The controls
are CALIBRATE: TRANS-OFF-REC, F - V (two position rotary), OFF/ON
and an unmarked pushbutton. It has two semicircle dials back-to-back
each with scales marked 40 - 48. Tuning knobs are in the middle of

the semi-circles and have a locking mechanism behind the knob. Plugs on the panel are 1/4" phone and 3/16" mic jacks with waterproof spring-loaded covers. The covers are marked: MIC, MASTER PHONES, SECOND PHONES, CAL TRANS and CAL RCVR.

The circuit uses a lot of 1T4 tubes along with the following others: 1294, 1LD5, 1LE3, 1S5, 3A5, 1R5, 1S4. Tags inside show layouts of the IF and RF chassis but give no other clues. There is no nomenclature tag or markings but one end cover on this one is missing so that may have had the tag on it.

Construction is stainless steel.

Any and all help appreciated. Don Merz, N3RHT.

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 13:47:44 1994

From: "Tom Alverson" <TOMA@s1.xetron.com>

Date: Wed, 30 Nov 1994 10:00:40 EST

Subject: Need "bristo" wrench for R-390a

Message-Id: <3C3EFE51190@s1.xetron.com>

I need to take apart my R-390a to figure out why I can't (mechanically) switch the band above 13 mhz. To do this, I need to remove all of the knobs and the front panel. The knobs use a "bristo" (or sometimes called bristol) screw that is very similar to a TORX but is not the same. A TORX has triangular shaped splines on it whereas I believe a bristo wrench has square shaped splines. I know that Xcelite sells a complete set of bristo wrenches for about \$50, but I think I only need one size for the knobs. Does anyone know of a good source for these? I think they used to attach them to the back of R-390's so maybe there are surplus ones available.

TNX de Tom NU8D

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 16:56:24 1994

Message-Id: <9411301932.AA9398@hqsmtp.ops.3com.com>

From: Joe Reda/HQ/3Com <Joe_Reda@3mail.3com.com>

Date: 30 Nov 94 11:31:14 EDT

Subject: Re: Need "bristo" wrench for R-390a

I believe I got a snap-in bristo wrench from Jensen Tools, I think it's Xcelite #99-4 or something like that. Found that gem of info in an early copy of the Hollow State Newsletter.

\\Joe KC6TXU

----- Previous Message -----

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 17:56:07 1994
Date: Wed, 30 Nov 94 13:59:28 EST
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <62519.morgan@speckle.ncsl.nist.gov>
Subject: Re: Need "bristo" wrench for R-390a

On Wed, 30 Nov 1994 10:00:40 EST,
Tom Alverson <TOMA@s1.xetron.com> wrote:

Does anyone
>know of a good source for these? I think they used to attach them to
>the back of R-390's so maybe there are surplus ones available.

Yup. Look in the Yellow pages for Snap-On. Call you local truck
operator (they seem to be traveling franchises: big truck full of
whatever you'd want on the spot.)

Find out where is the nearest stop he or she makes, or arrange a
delivery.

You'll need two sizes, but I can't remember for sure what ones: #4 and
#6 perhaps.

Snap-on stuff is expensive, but worth it! (Maybe \$1.25 each.) Do not
trust cheap imitations to work more than once.

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 14:02:08 1994
From: Scott_Johnson-AZAX60@email.sps.mot.com
Date: 30 Nov 94 08:43:04 -0600
Subject: RE>Re- GO-9 Navy xtmr
Message-Id: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

Reply to: RE>Re: GO-9 Navy xtmr

I think 700-800 Hz was used aboard those little floaty things that squids run around on. It may have even been used on squid aircraft, I don't know. I have never heard of any Air Corps or Air Force or commercial aircraft using anything other than 400 Hz (except for the little 60 Hz shaving inverters in the latrine)

Also, as a side note to another reply on this thread, hooking up an aircraft generator is no job for the faint of heart. There is no front bearing, as it flange mounts to the accessory case, and 400 Hz generators need to spin at 8000 RPM, typically. The control and regulator circuitry is also relatively complex.

And who used 700 cycle power? I have heard of 400 cps for aircraft electrical systems.

Gary

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 18:10:34 1994

From: rdkeys@csemail (R. D. Keys)

Message-Id: <9411301955.AA110540@csemail.cropsci.ncsu.edu>

Subject: Re: RE>Re- GO-9 Navy xtmr

Date: Wed, 30 Nov 94 14:55:56 EST

>

> Reply to: RE>Re: GO-9 Navy xtmr

> I think 700-800 Hz was used aboard those little floaty things that squids run around on. It may have even been used on squid aircraft, I don't know.

> I have never heard of any Air Corps or Air Force or commercial aircraft using anything other than 400 Hz (except for the little 60 Hz shaving inverters in the latrine)

> Also, as a side note to another reply on this thread, hooking up an aircraft generator is no job for the faint of heart. There is no front bearing, as it flange mounts to the accessory case, and 400 Hz generators need to spin at 8000 RPM, typically. The control and regulator circuitry is also relatively complex.

>

> -----

>

> And who used 700 cycle power? I have heard of 400 cps for aircraft electrical systems.

>

> Gary

>

I thought that most Naval aircraft stuff of the WWII era was 800 hz.

After the war, when the AF went its way and things became more standardized, everything went 400hz. I don't recall any wwII 400hz stuff in naval aircraft (going out on a small limb here).

Some of the older 800hz generators that I have seen did have shafts, and there were a number of land based units that are sometimes seen in surplus. Apparently the Navy used a lot of 800hz stuff in portable installations to get away from transformer iron in wwII. There were also a number of rotary inverters that took 28vdc at about 100 amps and converted it to 115vac 800hz at about 20 amps. The GO may have used such an installation, but I am not sure, here.... (Roy has the manual and maybe could fill us in on what the GO input power supply was --- e.g., if a rotary inverter was used to generate the 115vac 800hz or if it was taken off the aircraft lines). Fair radio used to list these inverters and generators in their catalogs of about 15 years back, and I almost ordered some to try to power my TBW with less than almost 4 kw for 125 watts RF output.

I will check my Naval aircraft radio training manual from 1944 and see what it has on generators. There was a chapter dealing specifically with aircraft generators and dynamotor systems on naval aircraft.

I would still be of the opinion that one could rather easily run an older 800hz generator with the shaft (not recent 400hz stuff with the flange mounts to accessory cases like on the J-57's I worked on ages ago). The only thing that is required is a field control and a stable rotational speed. Coupling to the shaft may be a bit of a trick, to get the right rotational speed. Anything +- 5% or so should work just fine on a ham boatanchor rig. For the sake of running a GO transmitter, that should work without too much problem. The TBW version (land based variant of the GO) had just such a generator on a steel base hooked up to an 1800 rpm 7.5hp motor at 220vac. Although it weighed in at some 300-400 lbs and took some 30 amps at 220vac to run, it worked just fine, without external regulating circuitry, but with just a small field control, if my memory serves me correctly. It has been 14 years since I ran one, it being so noisy and so power mad that it made the XYL equally mad, and took over her dryer plug. Finally I had to let it go (along with my BC-610) just to keep the peace.

Bob
NA4G

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 18:10:25 1994
Date: Wed, 30 Nov 1994 14:16:39 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Shopping the Winter 1957 CALLBOOK
Message-Id: <Pine.SUN.3.91.941130134036.7880C-100000@access3.digex.net>

Again, from the Winter 1957 CALLBOOK ads:

World Radio Laboratories advertisement...

Globe King 500B	\$699.95	(\$69.90 down, \$38.10/month)
Globe Champion 300	449.00	(\$44.90 down, \$24.47/month)
Globe Champion 300 kit	349.00	(\$34.90 down, \$19.02/month)
Globe Scout 65B	99.95	(10% down, \$7.95/month)
Globe Scout 65B kit	89.95	(same terms)
Globe Chief	64.95	
Globe Chief kit	49.95	(\$5.00 down, \$5.00/month)

Hallicrafters...

HT-32	\$675.00
-------	----------

Henry Radio Stores

Collins KWS1	\$ 2095.00	
Hallicrafters SX101	395.00	
" SX100	295.00	
" SX99	149.95	
National NC300	399.00	
Hammarlund HQ-150	295.00	
" HQ-100	169.00	
" HQ-140-XA	249.50	
TMC GPR-90	495.00	
Gonset G66B	189.50	
" G-77	279.50	
Gonset Communicators	229.50	
Elmac PMR7	159.00	
Elmac AF-67	177.00	
Morrow MB-560A	214.50	
B & W 5100B	475.00	
B & W 51SB-B	265.00	(SSB generator for 5100B)
RME 4350	229.00	

Also, in the B & W advertisement beyond the Henry Radio ad...

L-1000-A KW amp	\$ 460.00	
51SB	279.50	(SSB generator for Johnson & Collins)
SSB receiving adaptor	131.50	
T-R switch	23.70	
Pi-network	16.50	

In those days, everything sold for its "sticker price" too!

Tony
K4KY0

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 19:01:03 1994
Date: Wed, 30 Nov 94 10:41:24 CST
Message-Id: <009883C763959E20.20A0BD1E@mwk.com>
From: "Lee K. Gleason" <gleason@mwk.com>
Subject: still looking for...

...a BC-348 with AC power conversion...lemme know if you stumble
across one in good condition...

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 21:38:21 1994
Message-Id: <9412010115.AA21384@sciborg.uwaterloo.ca>
Subject: Substitutes for 3TF7 tubes?
From: "JB" <jbarnard@chemistry.watstar.uwaterloo.ca>
Date: Wed, 30 Nov 1994 20:17:56 EST

I've purchased a R-390A and knew in advance that the rig wouldn't have
any 3TF7 tubes in it. Can anyone suggest a relatively common substitute for the
3TF7. Or should I just order some from Fair Radio Sales? Any and all input
appreciated ;-)

John Barnard

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 17:32:11 1994
From: Scott Turner <scott@hplst.lvld.hp.com>
Message-Id: <9411301830.AA08081@hplst.lvld.hp.com>
Subject: Thanksgiving Day AMI Bash - Colorado
Date: Wed, 30 Nov 94 11:30:48 MST

For the second year running, well known local ham and all-around
Grand-Curmudgeon K00J (OJ) put together the local Thanksgiving Day AMI
Bash on 75 Meters, a chance for local boatanchor enthusiasts and other
interested parties to get together, put their rigs on the air and spread
a bit-o-AM through the ether. Folks started checking in to the
informal net at 7:00 AM Mountain time, and more or less managed to keep
the thing going until well into the afternoon.

This year the event attracted quite a bit of local interest and
attention, with checkins from all over Colorado and Wyoming. I've

included a list of stations who checked in and a list of rigs used for general interest. Something to note here. The checkin list included a very eclectic mix of old and new rigs. *Many* of the ricebox checker-inners, after listening to some of the beautiful AM signals from vintage equipment, noted that they'd love to acquire some older equipment in order to participate in future events. This thing really seemed to spark some serious boatanchor interest. Perhaps other folks might follow this example to stimulate more interest in vintage equipment.

N0AUB, ED, FT101, COLORADO SPRINGS.
N0BLU, JIM, TS680S, DENVER.
WB0LRO, PHIL, IC725, DENVER.
WA0Z0Z, MIKE, VIKING II, GUNNISON.
WA2KEC, WAYNE, FT1000D HENRY 2K ULTRA, DENVER.
W0AEE, HANK, VIKING I, AURORA.
KD0HG, BILL, AART 13, LYONS.
W0IWV, ART, VALIANT II, LAJUNTA.
N6CSW, BARRY, GPT750, DURANGO.
N0CKW, CHUCK, TS940S, AURORA.
WB9NJB, HUNTER, MOWHAWK AND APACHE, LARKSPUR.
KE0XL, NEIL, FT757GX.
K8MLV, RICK, DX100, PUEBLO.
KG0MR, SCOTT, R4/T4X, GREELEY.
W0AGU, S53 AND SONAR SRT120, FORT COLLINS.
K0PVI, DON, DX40/VF1, BYERS.
WD5BK0, JIM, FT757GX, DENVER.
KF0OU, JOHN, TS850S, DENVER.
N0NFI, BOB, RANGER, TRINIDAD.
KF0OW, FRED, GLOBE KING 400, GRAND JUNCTION.
KB0TJ, BRUCE, IC751A, DENVER.
W0LOB, GEORGE, 32V2, LAKEWOOD.
KG0HM, LOREN, TS950S, FORT COLLINS.
K0GH, JOHN, TS140S, MONUMENT.
NR0P, ED, TS850S, AURORA.
N0HNR, DUKE, TR4, LAKEWOOD.
K7DU, GEORGE, VIKING I, VIRGINIA DALE.
N7SPH, JIM, KI7XZ, JOHN, FT840, BOTH FROM SAME STATION IN LARAMIE WY.
N0BQV, KEVIN, 32V, AURORA.
K00J, OJ, VIKING II w/ 75A-2, GREELEY.

A couple of personal notes. My vote for prettiest signal on the band goes hands down to K8MLV, with honorable mentions to K00J with his Viking II, and WB9NJB with his (definitely NOT) scratchy Apache. And I've just got to get a real plate-modulated AM rig! At least my Drakes use firebottles, but I'm getting tired of hearing it from OJ about my "typical muddy Drake audio" on AM! Had to use the twins, the TR4 seemed to have a problem receiving AM that I'll have to look into.

Great way to spend a Thanksgiving morning. Thanks OJ.

Scott Turner KG0MR scott@hpsla.LVLD.HP.COM

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 19:22:54 1994
From: djw@unlinfo.unl.edu (daniel wright)
Message-Id: <9411302230.AA22750@unlinfo.unl.edu>
Subject: Re: Thanksgiving Day AMI Bash - Colorado
Date: Wed, 30 Nov 1994 16:30:01 -0600 (CST)

What's the frequency Kenneth??
Dan -- WA0JRD

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 10:58:31 1994
Date: Wed, 30 Nov 94 09:12:09 EST
From: Greg Wasik <greg@willie.nl.nuwc.navy.mil>
Subject: trivia question...
Message-Id: <AB01F269@willie.nl.nuwc.navy.mil>

Hello all: Here is an easy one.

"_____ -the fountainhead of modern tube development"

????

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 14:27:26 1994
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9411301635.AA110162@csemail.cropsci.ncsu.edu>
Subject: Re: trivia question...
Date: Wed, 30 Nov 94 11:35:54 EST

>
> Hello all: Here is an easy one.
>
> "_____ -the fountainhead of modern tube development"
>
> ????
>
>

Sounds like that South African fellow, van der Bilj.

He wrote the fundamental treatise on the vacuum tube about 1920.

Bob
NA4G

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 18:27:37 1994
Message-Id: <9411302057.AA0412@hqsmtp.ops.3com.com>
From: Joe Reda/HQ/3Com <Joe_Reda@3mail.3com.com>
Date: 30 Nov 94 12:56:37 EDT
Subject: Re: trivia question...

> Hello all: Here is an easy one.
>
> "_____ -the fountainhead of modern tube development"
>
> ????

The answer is RCA. That slogan was on their early-to-50s tube
cartons. It is, sadly, no longer true . . .

\\Joe KC6TXU

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 13:02:42 1994
From: m266008@stlmail2.mdc.com
Message-Id: <199411301611.LAA01170@geech.gnu.ai.mit.edu>
Subject: Wanted: KWS-1
Date: Wed, 30 Nov 94 10:07:38 CST

Wanted : Collins KWS-1 to match 51J receiver... any condition
conidered, prefer 'fixable' condition to 'mint'. State price,
condition. NOXEU Matt (here email) or (314)962-1418 (lve msg!). THX

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 19:05:17 1994
Date: Tue, 29 Nov 94 05:03:40 UTC
Message-Id: <241@ki5sl.ampr.org>
From: ki5sl@ki5sl.ampr.org (Rick_Blank)
Subject: Re: Wanted: KWS-1

In message <199411301611.LAA01170@geech.gnu.ai.mit.edu> m266008@stlmail2.mdc.com
writes:

> Wanted : Collins KWS-1 to match 51J receiver... any condition
> concidered, prefer 'fixable' condition to 'mint'. State price,
> condition. NOXEU Matt (here email) or (314)962-1418 (lve msg!). THX
>
>

The matching receiver for the KWS-1 was the 75A-4...they are both the same size, which is a little narrower than the standard 19" rack mount size...they look real neat with the receiver stacked on top of the transmitter...

The KWS-1 was also primarily a sideband transmitter, AM was one sideband with carrier reinserted. The 51J was primarily an AM and CW mode receiver that if you want to go in and start messing with stuff (not really reccommended from a collectors point of view) then you would need to add a product detector to improve SSB useage. Leave it unmodified and just make sure everything is spot on and enjoy it for the purpose it was made for...I really enjoy my R-388 and 51J-4 as they are.

A more fitting transmitter for the 51J series would be one of the 32V series transmitters, they use the same size desktop cabinets and are rack mount size.

KWS-1's usually go in the \$1500 price range, from what I have seen, you may get lucky, as I did and pick one up for a song, but those kind of deals are far and few between.

Rick Blank, KI5SL
ki5sl@sat.ampr.org
2223 Blanco Road
San Antonio, Texas 78212
end

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 17:20:17 1994
Message-Id: <m0rCuTu-000L13C@aupair.cs.athabascau.ca>
Date: Wed, 30 Nov 94 12:14 MST
From: tech@cs.athabascau.ca (Richard Loken)
Subject: what is that white "paint" in tube tester cabinets

Just thought of this because its time to fix the tube tester again.

I have a Jackson mutual conductance tube tester in a wooden cabinet. When I opened it up upon receiving it a few years ago I found some mildew in the inside and the appropriate stink. I poured a little chlorine bleach inside the box to kill the mildew and immediately converted the "paint" to chlorine gas and other unkown gaseous, liquid, and or suspended solid compounds.

The air in the house was unbreathable and I sent the box outside until it learned to behave. The paint is totally gone where it touched the bleach.

What is this stuff? Why did the manufacturer use it? Paint it aint!

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
Athabasca University : tuques we wear, our heads
Athabasca, Alberta Canada : are naked!"
** tech@cs.athabascau.ca ** : - Aurthor Black

From owner-boatanchors@gnu.ai.mit.edu Wed Nov 30 20:22:23 1994
From: bamodena@csemail
Message-Id: <9412010021.AA111023@csemail.cropsci.ncsu.edu>
Subject: Re: what is that white "paint" in tube tester cabinets
Date: Wed, 30 Nov 94 19:21:28 EST

> I poured a little chlorine bleach inside
> the box to kill the mildew and immediately converted the "paint" to chlorine
> gas and other unknown gaseous, liquid, and or suspended solid compounds.
>

Chlorine bleach is a 3-to-5% solution of sodium hypochlorite...which is decently stable at room table...but it decomposes on heating (like in a hot laundry) to supply nascent oxygen for bleaching.

But many substances can accelerate the decomposition of NaClO to yield Cl_2 (chlorine gas--lung irritant and poison gas). Perhaps that white paint was in fact an anti-fungal/anti-rot agent based on something like chromium ion or similar toxic-to-fungi and bacteria...which would also be an excellent, super accelerant. Cuprous, Manganous, ferrous, probably ammonium coordination compounds with any the divalent alkaline metals...

General word about Chlorox: make sure you really know what you are putting it on or mixing it with! Corrodes certain metals that normally have nice finishes.

--

73/Steve/AB4EL ab4el@Cybernetics.NET

From owner-boatanchors@gnu.ai.mit.edu Thu Dec 1 00:27:35 1994
Date: Wed, 30 Nov 94 22:40:16 EST
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <90964.morgan@speckle.ncsl.nist.gov>
Subject: Re: what is that white "paint" in tube tester cabinets

On Wed, 30 Nov 94 19:21:28 EST,
bamodena@csemail.cropsci.ncsu.edu wrote:

>General word about Chlorox: make sure you really know what you
>are putting it on or mixing it with! Corrodes certain metals that
>normally have nice finishes.

Do not use Chlorox or similar in those expensive (and worth every
penny of it) Thermos bottles of stainless steel made by Nissan.

(It erodes the solder used to make them and the vacuum all goes away.)

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov
